

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

To:
SEED INTELLECTUAL PROPERTY LAW
GROUP PLLC
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UNITED STATES OF AMERICA

INVITATION TO PAY ADDITIONAL FEES

(PCT Article 17(3)(a) and Rule 40.1)

Applicant's or agent's file reference 210121.501PC	Date of mailing (day/month/year) 17/04/2002
International application No. PCT/US 01/ 09062	International filing date (day/month/year) 20/03/2001
Applicant CORIXA CORPORATION	

1. This International Searching Authority

- (i) considers that there are 222 (number of) inventions claimed in the international application covered by the claims indicated ~~XXXX~~ on the extra sheet:

and it considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated ~~XXXX~~ on the extra sheet:

- (ii) ☒ has carried out a partial international search (see Annex) ☐ will establish the international search report on those parts of the international application which relate to the invention first mentioned in claims Nos.:

1-17 partially

- (iii) will establish the international search report on the other parts of the international application only if, and to the extent to which, additional fees are paid

2. The applicant is hereby **invited**, within the time limit indicated above, to pay the amount indicated below:

EUR 945,00 x 221 = EUR 208.845,00
 Fee per additional invention number of additional inventions total amount of additional fees

Or, _____ x _____ = _____

The applicant is informed that, according to Rule 40.2(c), **the payment of any additional fee may be made under protest**, i.e., a reasoned statement to the effect that the international application complies with the requirement of unity of invention or that the amount of the required additional fee is excessive.

3. ☒ Claim(s) Nos. see PCTISA/206 have been found to be unsearchable under Article 17(2)(b) because of defects under Article 17(2)(a) and therefore have not been included with any invention.

Name and mailing address of the International Searching Authority European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Doreen Golze
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**Annex to Form PCT/ISA/206
COMMUNICATION RELATING TO THE RESULTS
OF THE PARTIAL INTERNATIONAL SEARCH**

International Application No
PCT/US 01/09062

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:
- see 'invitation to pay additional fees'
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE EMBL, HEIDELBERG, FRG 'Online! 4 June 1999 (1999-06-04) NCI-CGAP: "tz12e04.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE: 2288382 3', mRNA sequence" Database accession no. AI699775 XP002194579 derived from endometrial adenocarcinoma the whole document	1-5,7,8
X	DATABASE EMBL, HEIDELBERG, FRG 'Online! 8 October 1995 (1995-10-08) HILLIER, L. ET AL.: "yu41e11.s1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE: 236396 3', mRNA sequence" Database accession no. H61817 XP002194580 the whole document	1-5,7,8



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	COHEN, M.E. ET AL.: "Human SLUG Gene Organization, Expression, and Chromosome Map Location on 8q" GENOMICS, vol. 51, no. 3, 1 August 1998 (1998-08-01), pages 468-471, XP002194577 abstract page 470; figure 2	1-5,7,8
X	-& DATABASE EMBL, HEIDELBERG, FRG 'Online! 5 February 1998 (1998-02-05) YIN, M. ET AL.: "Homo sapiens zinc finger protein slug (SLUG) gene, complete cds" Database accession no. AF042001 XP002194581 the whole document	1-5,7,8
A	WO 99 54461 A (METAGEN GESELLSCHAFT FÜR GENOMFORSCHUNG MBH) 28 October 1999 (1999-10-28) abstract page 1, line 1 -page 5, line 20 page 498 -page 501; claims 1-34	1-17
A	WO 99 53040 A (METAGEN GESELLSCHAFT FÜR GENOMFORSCHUNG MBH) 21 October 1999 (1999-10-21) abstract page 1, line 1 -page 5, line 19 page 320 -page 323; claims 1-37	1-17
A	US 5 976 799 A (O'BRIAN, T.J. & SHIQEMASA, K.) 2 November 1999 (1999-11-02) abstract column 1, line 46 -column 3, line 11 column 17 -column 20; claims 1-6	1-17
A	INUKAI, T. ET AL.: "SLUG, a ces-1-Related Zinc Finger Transcription Factor Gene with Antiapoptotic Activity, Is a Downstream Target of the E2A-HLF Oncoprotein" MOLECULAR CELL, vol. 4, no. 3, September 1999 (1999-09), pages 343-352, XP002194578 the whole document	1-17
A	SJÖGREN, H.O.: "Therapeutic immunization against cancer antigens using genetically engineered cells" IMMUNOTECHNOLOGY, vol. 3, no. 3, October 1997 (1997-10), pages 161-172, XP004097000 the whole document	9-13,17

Patent Family Annex

Information on patent family members

International Application No
PCT/US 01/09062

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9954461	A	28-10-1999	DE	19817948 A1	21-10-1999
			WO	9954461 A2	28-10-1999
			EP	1071775 A2	31-01-2001
WO 9953040	A	21-10-1999	DE	19817557 A1	21-10-1999
			WO	9953040 A2	21-10-1999
			EP	1073727 A2	07-02-2001
US 5976799	A	02-11-1999	US	6287775 B1	11-09-2001